

Comparison of break down voltages of composite insulting adhesive tapes with different thickness

	Composite substrate	Breakdown voltage (KV)
1	6μm Aluminum foil /2μm HM Adhesive /12μm PET	6.0
2	10μm Aluminum foil /3μm HM Adhesive /19μm PET	7.0
3	22μm Aluminum foil /3μm HM Adhesive /25μm PET	8.0
4	6μm AL /2μm HM /12μm PET 20μm DS /20m PE /12μm PET	4.0
5	6μm AL /2μm HM /12μm PET 20μm DS /20m PE /12μm PET	6.5
6	6μm AL /2μm HM /12μm PET 20μm DS /20m PE /12μm PET	6.5
7	20μm Polyethylene /9μm PET	6.0
8	20μm Polyethylene /12μm PET	6.5
9	20μm Polyethylene /19μm PET	7.5
10	20μm Polyethylene /25μm PET	8.0
11	20μm Polyethylene /50μm PET	13.0

DS: acrylic adhesive

Table 1

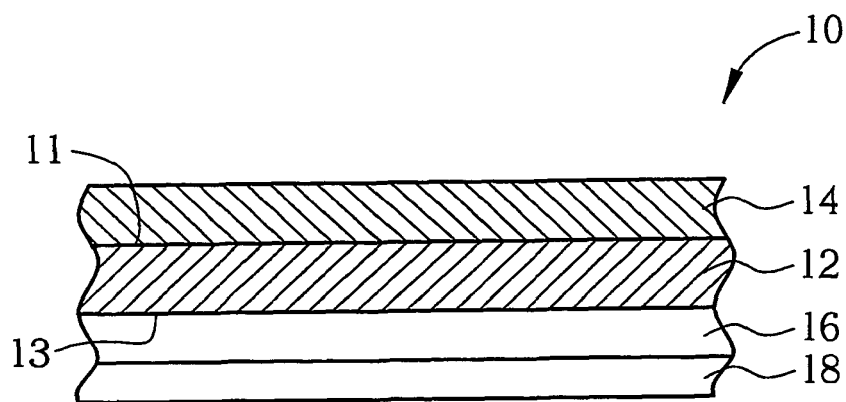


Fig. 1

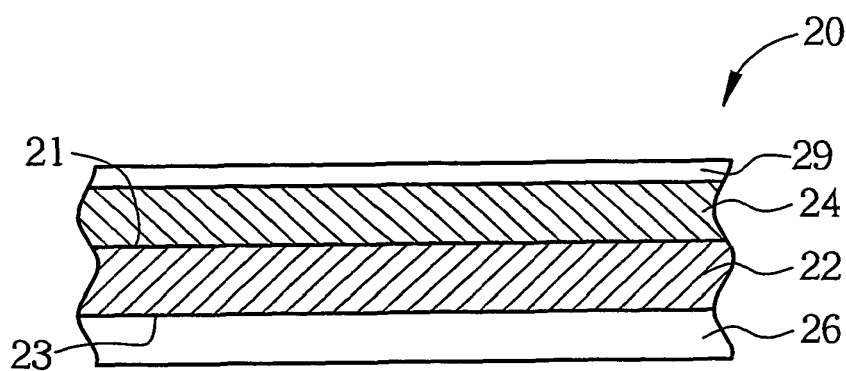


Fig. 2

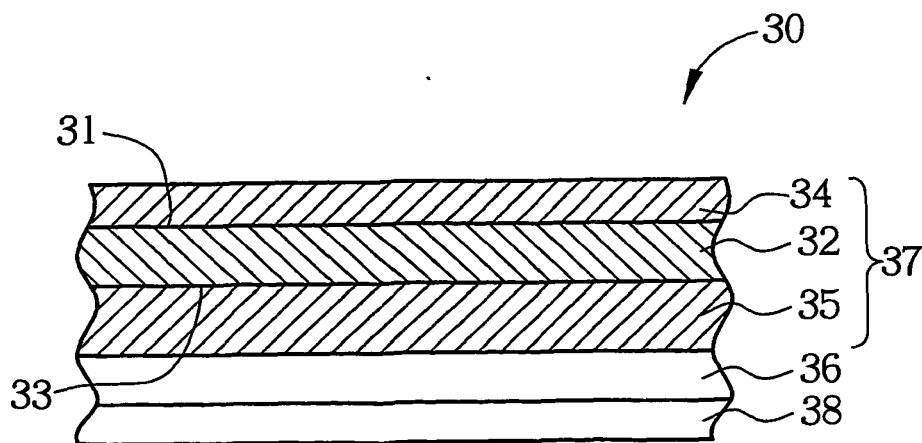


Fig. 3

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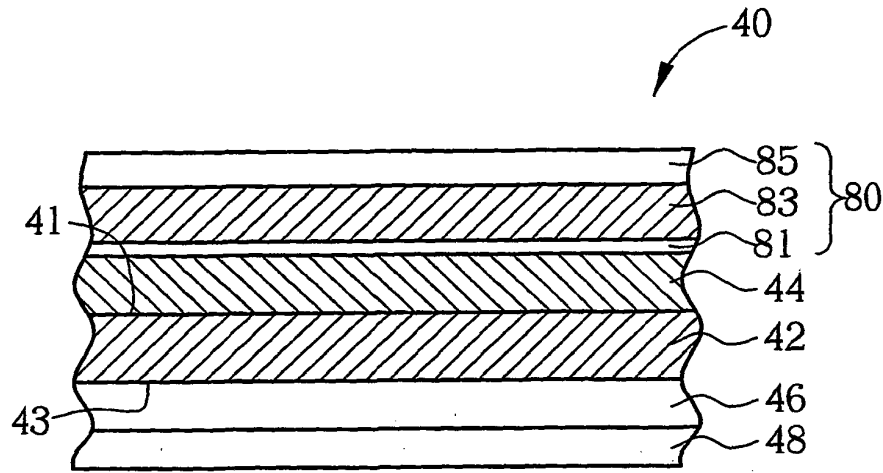


Fig. 4

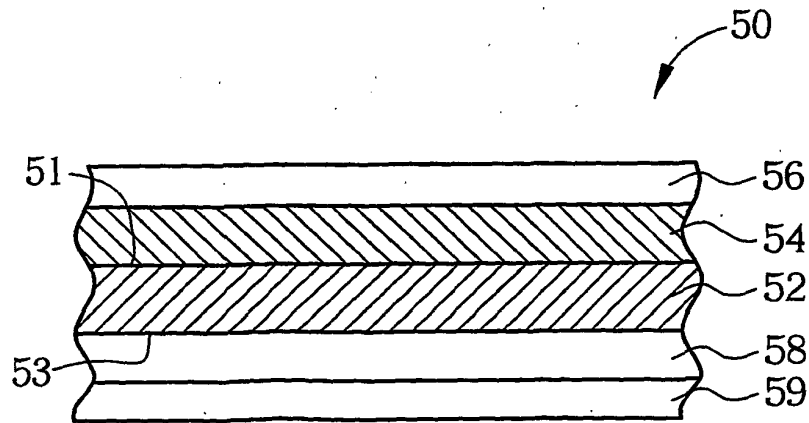


Fig. 5